



ENTERED

PCT10

RAW SEQUENCE LISTING

DATE: 03/01/2002

PATENT APPLICATION: US/10/049,562

TIME: 14:07:23

Input Set : A:\sequence.txt

Output Set: N:\CRF3\03012002\J049562.raw

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3 <110> APPLICANT: Clevenger, Charles V.
4       Ryczyn, Michael A.
5       TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA
7 <120> TITLE OF INVENTION: Methods and Compositions for Modulating
8       Somatolactogenic Functions
10 <130> FILE REFERENCE: PENN-0723
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/049,562
C--> 13 <141> CURRENT FILING DATE: 2002-02-14
15 <150> PRIOR APPLICATION NUMBER: 60/149,752
16 <151> PRIOR FILING DATE: 1999-08-19
18 <160> NUMBER OF SEQ ID NOS: 7
20 <170> SOFTWARE: PatentIn Ver. 2.1
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 216
24 <212> TYPE: PRT
25 <213> ORGANISM: Homo sapiens
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28 Met Leu Arg Leu Ser Glu Arg Asn Met Lys Val Leu Leu Ala Ala Ala
29   1               5               10               15
31 Leu Ile Ala Gly Ser Val Phe Phe Leu Leu Pro Gly Pro Ser Ala
32           20           25           30
34 Ala Asp Glu Lys Lys Lys Gly Pro Lys Val Thr Val Lys Val Tyr Phe
35           35           40           45
37 Asp Leu Arg Ile Gly Asp Glu Asp Val Gly Arg Val Ile Phe Gly Leu
38           50           55           60
40 Phe Gly Lys Thr Val Pro Lys Thr Val Asp Asn Phe Val Ala Leu Ala
41   65           70           75           80
43 Thr Gly Glu Lys Gly Phe Gly Tyr Lys Asn Ser Lys Phe His Arg Val
44           85           90           95
46 Ile Lys Asp Phe Met Ile Gln Gly Gly Asp Phe Thr Arg Gly Asp Gly
47           100          105          110
49 Thr Gly Gly Lys Ser Ile Tyr Gly Glu Arg Phe Pro Asp Glu Asn Phe
50           115          120          125
52 Lys Leu Lys His Tyr Gly Pro Gly Trp Val Ser Met Ala Asn Ala Gly
53           130          135          140
55 Lys Asp Thr Asn Gly Ser Gln Phe Phe Ile Thr Thr Val Lys Thr Ala
56   145          150          155          160
58 Trp Leu Asp Gly Lys His Val Val Phe Gly Lys Val Leu Glu Gly Met
59           165          170          175
61 Glu Val Val Arg Lys Val Glu Ser Thr Lys Thr Asp Ser Arg Asp Lys
62           180          185          190
64 Pro Leu Lys Asp Val Ile Ile Ala Asp Cys Gly Lys Ile Glu Val Glu
65           195          200          205

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67 Lys Pro Phe Ala Ile Ala Lys Glu
68      210                      215
71 <210> SEQ ID NO: 2
72 <211> LENGTH: 38
73 <212> TYPE: DNA
74 <213> ORGANISM: Artificial Sequence
76 <220> FEATURE:
77 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
79 <400> SEQUENCE: 2
80 cgggtaccac catgatgaag gtgctccttg ccgccgcc                      38
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84 <211> LENGTH: 29
85 <212> TYPE: DNA
86 <213> ORGANISM: Artificial Sequence
88 <220> FEATURE:
89 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
91 <400> SEQUENCE: 3
92 cgctcgagct ccttgccgat gccaaaggg                      29
95 <210> SEQ ID NO: 4
96 <211> LENGTH: 44
97 <212> TYPE: DNA
98 <213> ORGANISM: Artificial Sequence
100 <220> FEATURE:
101 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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104 cgggtaccac catgatgaac atcaaaggat cgccatggaa aggg                      44
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109 <212> TYPE: DNA
110 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:
113 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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117 atgat                      65
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123 <213> ORGANISM: Artificial Sequence
125 <220> FEATURE:
126 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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133 <211> LENGTH: 33
134 <212> TYPE: DNA
135 <213> ORGANISM: Artificial Sequence
137 <220> FEATURE:
138 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic

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140 <400> SEQUENCE: 7

141 gcggccaagg tgtattttga cctacgaatt gga

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/049,562

DATE: 03/01/2002

TIME: 14:07:24

Input Set : A:\sequence.txt

Output Set: N:\CRF3\03012002\J049562.raw

L:12 M:270 C: Current Application Number differs, Replaced Application Number

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date